

PART II

Managing our Nation's nuclear waste is a complex technical and societal issue. What is the U.S. government's planned response to this issue?

Directions: In the blank provided, write the number of the U.S. government's planned response to each challenge listed. There may be more than one response to a challenge.

	<u>CHALLENGE</u>	<u>PLANNED RESPONSE</u>
<u>5</u>	A. There was no national policy for safely storing, transporting, and disposing of spent nuclear fuel and high-level waste.	1. following transportation regulations of Federal, State, and local agencies
<u>2,6,9,10,12</u>	B. The site selected for the repository must meet strict guidelines developed to ensure safety of the environment and the public.	2. studies to evaluate geologic formations
<u>1,3,7,9,12</u>	C. High-level waste and spent nuclear fuel are major subjects of public concern.	3. independent review of all aspects of the waste disposal program
<u>8,11</u>	D. Disposing of spent fuel and high-level waste is expensive.	4. shipping casks subjected to tests
<u>1,3,7,9,12</u>	E. It is important that the public have confidence in the safety of disposal of spent fuel and high-level waste.	5. The Nuclear Waste Policy Act and amendments passed by Congress
<u>1,4,7</u>	F. Spent fuel and high-level radioactive waste must be transported safely.	6. field and laboratory testing at potential site
		7. transportation procedures being developed with State, Tribal, local governments, and public input
		8. U.S. government required to pay costs for disposing of defense high-level waste
		9. environmental assessments and environmental impact statements
		10. detailed site characterization
		11. utilities pay fee for all electricity generated by nuclear energy
		12. State and local government and public participation in the planning and development of the repository required